

Willow Creek Monitoring Station

2008

Located at 1500 Red Butte in Pahrump, this PM₁₀ site was on the Willow Creek Golf Course. The continuous beta attenuated monitor was sited on the roof of a pump house for the golf course between fairways. PM₁₀ monitoring commenced in December 2003. The Willow Creek Golf Course is surrounded by residential plats and vacant land, and the purpose of the site was to determine population exposure in central Pahrump. In summer 2009, the Willow Creek site was relocated to a new site beside the golf course, 410 South Glenoaks Street, approximately one-third of a mile southwest of the original site.

Willow Creek PM₁₀ AQI Data

Calendar Year 2008

The blank cells are days without data

AIR QUALITY INDEX - AQI

	0 - 50	Good
	51 - 100	Moderate
	101 - 150	Unhealthy for Sensitive Groups
	151 - 200	Unhealthy
	201 - 300	Very Unhealthy
	301 - 500	Hazardous

2008	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	16	6	30	10	20	8	10	19	22			
2	20	8	26	15	9	9	13	12	19			
3	17	10	6	13	15	19	12	15	19			
4	21	6	7	13	19	86	18	23	17	11		
5	1	4	23	14	28	14	8	15	21	6		
6	1	7	6	17	17	16	12	18	16	7		
7		10	12	16	31	13	12	14	19			
8		6	54	19	19	6	15	12	68			
9	7	6	2	23	23	10	15	11	19			
10	7	6	8	6	25	24	40	11	19	51		
11	8	9	11	7	21	11	17	16		10		
12	7	6	11	9	46	10	6	18		6		
13	8	67	19	10	14	12		19		10		
14	9	5	11	25	13	14		19				
15	7	8	9	47	7	15		31				
16	16	7	51	38	10	9		26				
17	6	10	14	11	8	6	22	26				
18	9	11	5	16	11	11	20	18				
19	10	8	16	32	17	9	15	18				
20	15	6	15	31	35	16	31	19				
21	6	3	14	24	61	21	11	17				
22	5	1	10	14		12	12	15				
23	13	1	9	17	26	20	17	16				
24	1	5	15	26	5	22	10	16				
25	2	3	18	16	6	23	13	29				
26	1	6	19	25	4	31	19	28				
27	0	6	18	21	5	16	16	23				
28	4	8	15	19		11	19	20				
29	1	10	19	37	9	12	17	24				
30	4		11	54	8	12	20	14				
31	4				6		12	51				

Willow Creek Monitoring Station 2007

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Willow Creek PM₁₀ AQI Data

Calendar Year 2007

The blank cells are days without data

AIR QUALITY INDEX - AQI

	0 - 50	Good
	51 - 100	Moderate
	101 - 150	Unhealthy for Sensitive Groups
	151 - 200	Unhealthy
	201 - 300	Very Unhealthy
	301 - 500	Hazardous

2007	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1		30	18	21	22	28	19	16	22	16	19	8
2		33	67	23	83	22	18	16	25	21	15	6
3		34	9	27	16	18	21	19	19	18	22	21
4		29	13	31	48	19	24	24	20	28	28	18
5	Flagged*	35	24	31	45	Flagged*	32	22		19	24	14
6	11	29	25	35	15	44	54	25		4	27	19
7	6	24	21	25	16	13	17	11		5	26	4
8	30	22	21	31	20	18	16	13		19	28	2
9	31	18	26	40	19	34	17	19		13	22	3
10	23	18	43	35	26	21	22	19		15	25	3
11	40	17	21	55	28	30	28	19		15	16	5
12	6	13	31	72	19	38	19	17		14	12	10
13		10	22	25	18	35	19	27		11	24	9
14		21	42	37	23	27	21	29		5	19	10
15		19	31	10	31	31	18	22		9	31	7
16		14	33	7	35	32	19	21		24	35	5
17		6	29	20	27	29	29	36		22	27	8
18		13	27	25	31	25	19	19		16	19	6
19		33	42	7	30	25	14	9		16	17	4
20		10	54	12	29	21	16	17		94	23	8
21		17	7	5	31	28	24	34		15	27	9
22		43	13	25	36	27	24	33	3	18	11	6
23		12	24	6	20	34	33	28	5	21	53	7
24		9	13	11	16		67	23	9	23	28	24
25		67	16	22	22	31	20	24	10	23	24	17
26	26	65	52	19	24	36	19	31	13	42	24	4
27	25	23	66	30	29	33	19	17	19	41	25	2
28	19	12	45	27	21	33	18	20	16	23	20	8
29	31		56	17	26	26	19	19	6	22	19	9
30	28		13	19	23	19	31	17		15	6	11
31	24		18		22		51	15		19		9

*Flagged as high wind event.

Willow Creek Monitoring Station

2006

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Willow Creek PM₁₀ AQI Data

Calendar Year 2006

The blank cells are days without data

AIR QUALITY INDEX - AQI

	0 - 50	Good
	51 - 100	Moderate
	101 - 150	Unhealthy for Sensitive Groups
	151 - 200	Unhealthy
	201 - 300	Very Unhealthy
	301 - 500	Hazardous

2006	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	5	32	6	6		31	31	22		11	44	41
2	8	38	8	11	31	60	24	23		13	31	19
3	5	45	12	13	31	25	28	48		13	23	24
4	11	33	4	23	35	24	26				25	51
5	17	57	7	3	29	36	27				24	51
6	23	33	12	5	28	42	23			18	46	53
7	12	38		9	30	57	28			19	42	54
8	7	50		7	35	28	26			14	31	32
9	20	31		13	31	30	37			19	55	21
10	41	31		7	28	31	23			32	35	7
11	39	30		9	33	26	29			29	37	16
12	43	38		18	42	27	23			29	52	20
13	29	36		25	34	19	23			30	22	44
14	25	44		52	31	23	25		75	3	20	51
15	31	100		6	38	26	29		95	5	41	24
16	13	15		9	43		29		19	18	49	16
17	26	22		16	30		70		9	10	43	6
18	22	5		12	42		13		22	7	50	6
19	7	4		13	33		31		31	15	34	11
20	20	6		25	28		23		31	19	40	24
21	25	9		33	13		15		23	16	34	26
22	22	12		24	19		16		44	16	31	24
23	25	21		15	12		14	23	12	27	23	18
24	25	21		17	19		15	24	8	18	36	21
25	22	22		22	20		23		20	37	33	
26	27	15		33	66		41		27	19	29	
27	19	20		28	57		34		29	26	44	
28	21	1		31	8		39		28	23	Flagged*	
29	21		5	31	16	32	39		28	21	Flagged*	
30	23		5	22	19	33	25		20	30	31	
31	35		11		31		28			39		

*Flagged as a high wind event.

Willow Creek Monitoring Station

2005

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0 - 50	Good
51 - 100	Moderate
101 - 150	Unhealthy for Sensitive Groups
151 - 200	Unhealthy
201 - 300	Very Unhealthy
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2005	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	3	7	19	20	12	29	33	16	40	23	22	30
2	9	16	22	17	27	40	28	34	31	19	34	19
3	5	16	23	18	11	41	27	28	20	13	22	14
4	1	32	17	21	52	24	19	33		19	26	9
5	13	22	6	19	16	60	24	27		25	32	45
6	10	16	12	25	3	34	56	10		34	17	35
7	5	24	19	39	9	32	29	13	37	36	16	29
8	1	18	26	19	16	23	31	15	59	28	37	22
9	0	26	32	6	28	22	24	13	34	16	31	53
10	0	41	23	7	13	32	19	8	26	16	20	42
11	2	3	46	18	14	12	29	15	15	25	6	29
12	6	6	20	27	19	20	24	28	33	25	16	33
13	31	5	24	37	20	24	30	22	38	32	13	41
14	52	15	27	22	23	44	31	13	43	33	18	45
15	33	24	12	36	23	38	41	6	35	56	27	40
16	24	20	19	29	53	52	31	15	29	21	35	52
17	27	16	26	31	16	56	26	13	29	30	25	38
18	42	1	20	34	13	10	28	27	29	4	44	30
19	40	0	4	16	11	15	40	27	33	11	38	43
20	43	1	3	10	15	32	45	16	8	19	29	52
21	31	1	6	18	31	33	52	16	6	21	50	41
22	31	1	11	34	28	31	32	22	13	18	48	37
23	18	3	2	14	23	29	25	23	29	18	49	39
24	17	10	6	7	22	18	9	24	18	19	26	42
25	13	6	4	15	28	10	12	21	16	11	24	26
26	6	6	6	16	33	24	35	20	27	16	63	61
27	6	6	7	23	32	15	17	23	18	16	15	40
28	6	14	13	5	30	19	32	56	15	17	27	33
29	0		9	4	56	25	16	40	27	15	37	31
30	5		6	10	19	44	19	46	39	19	33	31
31	15		10		20		13	48		37		54

Willow Creek Monitoring Station

2004

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2004	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	9			81	24	25	24		44	37	16	27
2	4			2		34	27	23	62	31	20	19
3	6		6	3		31	30	19	41	29	12	
4	7	5	8	6		34	28	27	19	44	16	
5	21	7	6	13	38	30	24	27	22	40	32	17
6	27	18		37	24	31	36	40	29	47	19	
7	10	17	23	13	28	55	27	30	40	42	20	
8	26	6	18	20	22	73	28	30	44	43	5	
9	29	12			22	31	15	45	76	58	22	21
10	20	18	28	23	138	33	19	31	18	39	23	23
11	30	27		10	74	28	19	31	19	28	24	19
12	31	14	22	19	19	27	44	34	13	21	17	11
13	31	30		26	24	29	35	24	31	29	7	23
14	36	23		19	35	36	27	22	41	48	12	29
15	28	29	18	39	24	71	25	26	30	35	23	31
16	16	29	27	17	22	44	29	17	32	37	21	39
17	19	23	46	14	39	25	22	27	33	28	34	32
18	21	24	21	7	56	26	31	27	29	13	26	41
19	22		30	20	22	25	31	24	32	22	24	27
20	28	7	33	18	23	27	24	34	25	3	23	34
21	17	4	25	47	25	33	36	17	32	4	4	67
22	31	6	44	59	57	17	37	20	24	10	5	26
23	46		37	16	31	28	31	26	28		11	20
24	31		26	31	23	28	30	21	28		22	25
25	65		38	22	28	51	22	28	31	19	17	16
26	39		52	29	24	34	30	30	20	21	14	13
27	32		38	29	26	36	27	36	30	2	27	13
28	25		15	Flagged*	53	55	43	27	49	8	5	8
29	23		29	29	34	45	37	25	33	11	12	1
30	29		38	16	16	40	22	44	33	15	21	2
31	55		30		19		29	52		10		2

*Flagged as a high wind event.